L Number	Hits	Search Text	DB	Time stamp
-	3902	(313/512,483,502,113,116,112,503).CCLS.	USPAT;	2003/02/13 10:2
			US-PGPUB;	
			EPO; JPO;	
		,	DERWENT;	
			IBM_TDB	
	617	((313/512,483,502,113,116,112,503).CCLS.) and (uv or	USPAT;	2003/02/13 10:2
		ultraviolet)	US-PGPUB;	
		,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	224	(((313/512,483,502,113,116,112,503).CCLS.) and (uv or	USPAT:	2003/02/13 10:2
		ultraviolet)) and phosphor	US-PGPUB;	
		and the proopers	EPO; JPO;	
			DERWENT:	
			IBM_TDB	
_	56	(((((313/512,483,502,113,116,112,503).CCLS.) and (uv or	USPAT;	2003/02/13 10:2
	30	ultraviolet)) and phosphor) and led	US-PGPUB;	2003/02/13 10.2
		and and phosphol) and led	EPO; JPO;	
			DERWENT;	
	445	////212/512 402 502 112 116 112 502 001 0 \ === /:	IBM_TDB	2002/02/42 42
•	115	((((313/512,483,502,113,116,112,503).CCLS.) and (uv or	USPAT;	2003/02/13 10:2
		ultraviolet)) and phosphor) and (led or (light adj emitting))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	•	///040/540 400 500 440 440 440 500 00 00	IBM_TDB	0000/20/15
•	64	((((313/512,483,502,113,116,112,503).CCLS.) and (uv or	USPAT;	2003/02/13 10:2
		ultraviolet)) and phosphor) and (led or (light adj emitting adj	US-PGPUB;	
		diode))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	64	(((((313/512,483,502,113,116,112,503).CCLS.) and (uv or	USPAT;	2003/02/13 10:
		ultraviolet)) and phosphor) and (led or (light adj emitting adj	US-PGPUB;	
		diode) or (laser adj diode))	EPO; JPO;	
			DERWENT;	
	•		IBM_TDB	
-	3	((((((313/512,483,502,113,116,112,503).CCLS.) and (uv or	USPAT;	2003/02/13 10:3
		ultraviolet)) and phosphor) and (led or (light adj emitting adj	US-PGPUB;	
		diode) or (laser adj diode))) and ((uv or ultraviolet) same	EPO; JPO;	
		alumina)	DERWENT;	
		•	IBM_TDB	
.	16	((((((313/512,483,502,113,116,112,503).CCLS.) and (uv or	USPAT;	2003/02/13 10:3
	. 3	ultraviolet)) and phosphor) and (led or (light adj emitting adj	US-PGPUB;	
		diode) or (laser adj diode))) and alumina	EPO; JPO;	
		alous, or tidoor day diodo/// and aldmind	DERWENT;	
			IBM_TDB	
	617	((313/512,483,502,113,116,112,503).CCLS.) and (uv or	USPAT;	2003/02/13 11:
	317	((313/312,403,502,113,116,112,503).CCLS.) and (uv of ultraviolet)	US-PGPUB;	2003/02/13 11:4
		uitiaviolet)	EPO; JPO;	
			DERWENT;	
	474	//242/542 482 502 442 442 502 001 0 > 4 //	IBM_TDB	0000/00/10 11
•	174	((313/512,483,502,113,116,112,503).CCLS.) and ((uv or	USPAT;	2003/02/19 14:0
		ultraviolet) same reflect\$5)	US-PGPUB;	
		· ·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
.	4849	(313/512,483,502,113,116,112,503,110,486).CCLS.	USPAT;	2003/02/19 14:0
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
.	3606	(313/512,483,502,113,116,112,503,110,486).CCLS.	USPAT	2003/02/19 14:0
.	697	((313/512,483,502,113,116,112,503,110,486).CCLS.) and (uv	USPAT	2003/02/19 14:0
	30.	or ultraviolet or (ultra adj violet))	55.711	1 2000,02,10 14.0
.	266	(((313/512,483,502,113,116,112,503,110,486).CCLS.) and (uv	USPAT	2003/02/19 14:0
	200	or ultraviolet or (ultra adj violet))) and (led or (light adj	JUI 71	2000/02/18 14.0
		i or uitraviolet or uitra ani violetti i and ued or uidet adi		

-	127	(((((313/512,483,502,113,116,112,503,110,486).CCLS.) and (uv or ultraviolet or (ultra adj violet)) ) and (led or (light adj	USPAT	2003/02/19 14:42
		emitting))) and phosphor		
-	126	((((((313/512,483,502,113,116,112,503,110,486).CCLS.) and	USPAT	2003/02/19 14:46
		(uv or ultraviolet or (ultra adj violet)) ) and (led or (light adj		
		emitting))) and phosphor) and (alumina or silica or yttrium of Al		
		or Si or Y)		
-	63	((((((313/512,483,502,113,116,112,503,110,486).CCLS.) and	USPAT	2003/02/19 15:31
		(uv or ultraviolet or (ultra adj violet)) ) and (led or (light adj		
		emitting))) and phosphor) and (alumina or silica or yttrium)		
-	2	("4079288"   "4924141").PN.	USPAT	2003/02/19 15:25
-	12	("3071708"   "3319119"   "3359211"   "3445719"   "3449258"	USPAT	2003/02/19 15:28
		"3458779"   "3481884"   "3501412"   "3509065"   "3513103"		
		"3579016"   "4038204").PN.		
-	3606	(313/512,483,502,113,116,112,503,110,486).CCLS.	USPAT	2003/02/19 15:35
-	0	((313/512,483,502,113,116,112,503,110,486).CCLS.) and	USPAT	2003/02/19 15:36
		".alphaalumina"		
-	0	((313/512,483,502,113,116,112,503,110,486).CCLS.) and	USPAT	2003/02/19 15:36
	44	"alphaalumina"		
-	11	((313/512,483,502,113,116,112,503,110,486).CCLS. ) and	USPAT	2003/02/19 15:39
		"alpha-alumina"	LICDAT	0000/00/40 47 14
-	8	(("5813752") or ("5813753") or ("5959316") or ("6084250")).PN.	USPAT;	2003/02/19 17:41
		( 0004200 )).FIN.	US-PGPUB; EPO; JPO;	
	-		DERWENT:	ļ <u> </u>
	<del>                                     </del>		IBM TDB	
_	2	("5008789").PN.	USPAT;	2003/02/19 17:41
	_	( 0000, 00 July	US-PGPUB;	2000/02/10 17.41
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	1	("5813753").PN.	USPAT	2003/07/29 11:11
_	500	(313/512).CCLS.	USPAT;	2003/07/29 13:59
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	15722	(UV\$ or (ultra adj violet)) same reflect\$	USPAT;	2003/07/29 08:40
			US-PGPUB;	
			EPO; JPO;	
	1		DERWENT;	
	4	// N/A . / 10 P / 1 O	IBM_TDB	
-	1460	((UV\$ or (ultra adj violet)) same reflect\$) and LED	USPAT;	2003/07/29 08:36
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	1	(((LI)/\$ or (ultra adi violat)) came reflect\$) and LED) and	IBM_TDB	2002/07/00 00:40
-	4	(((UV\$ or (ultra adj violet)) same reflect\$) and LED) and (gamma same alumina)	USPAT;	2003/07/29 08:40
		(yanına sanıc alunına)	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM_TDB	
			TOM IDD	ł
_	17	(((UV\$ or (ultra adi violet)) same reflect\$) and LED) and ((LIV\$		2003/07/29
-	17	(((UV\$ or (ultra adj violet)) same reflect\$) and LED) and ((UV\$ or (ultra adj violet)) same reflect\$ same (alumina or	USPAT;	2003/07/29 09:12
-	17	or (ultra adj violet)) same reflect\$ same (alumina or	USPAT; US-PGPUB;	2003/07/29 09:12
-	17		USPAT; US-PGPUB; EPO; JPO;	2003/07/29 09:12
-	17	or (ultra adj violet)) same reflect\$ same (alumina or	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/29 09:12
-	17	or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	
-		or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3"))  (((UV\$ or (ultra adj violet)) same reflect\$) and LED) and ((UV\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	
-		or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3"))  (((UV\$ or (ultra adj violet)) same reflect\$) and LED) and ((UV\$ or (ultra adj violet)) same reflect\$ same (alumina or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	
-		or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3"))  (((UV\$ or (ultra adj violet)) same reflect\$) and LED) and ((UV\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	
-		or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3"))  (((UV\$ or (ultra adj violet)) same reflect\$) and LED) and ((UV\$ or (ultra adj violet)) same reflect\$ same (alumina or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	
-		or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3"))  (((UV\$ or (ultra adj violet)) same reflect\$) and LED) and ((UV\$ or (ultra adj violet)) same reflect\$ same (alumina or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/07/29 09:12
-	19	or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3"))  (((UV\$ or (ultra adj violet)) same reflect\$) and LED) and ((UV\$ or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3" or (aluminum adj oxide)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/07/29 09:12
-	19	or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3"))  (((UV\$ or (ultra adj violet)) same reflect\$) and LED) and ((UV\$ or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3" or (aluminum adj oxide)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/07/29 09:12
-	19	or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3"))  (((UV\$ or (ultra adj violet)) same reflect\$) and LED) and ((UV\$ or (ultra adj violet)) same reflect\$ same (alumina or "Al.sub.2O.sub.3" or (aluminum adj oxide)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/07/29 09:12 2003/07/29 09:12 2003/07/29 09:50

	122	((313/512,483,502,113,116,112,503,110,486).CCLS.) and ((UV or (ultra adj violet)) same reflect\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/29 09:51
-	87	((313/512,483,502,113,116,112,503,110,486).CCLS.) and ((UV or (ultra adj violet)) same reflect\$)	USPAT	2003/07/29 10:17
-	0	09/681560	USPAT	2003/07/29 10:17
-	1	09/681560	US-PGPUB	2003/07/29 10:17
-	2	5008789.pn. and alpha	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/29 10:36
-	5	(("5933273") or ("6066861") or ("6340824") or ("6294800") or ("5923471")).PN.	USPAT	2003/07/29 10:37
-	1	("4929864").PN.	USPAT	2003/07/29 12:06
•	290	(257/10).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/29 12:08
	2508	(257/296).CCLS.	IBM_TDB USPAT; US-PGPUB;	2003/07/29 12:17
	148	(diode or semiconductor) same InGaAIN	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/29 12:18
	48	((diode or semiconductor) same InGaAIN) and led	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/07/29 12:37
	33	phosphor same layer same dispersed same alumina	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/29 12:38
	18	phosphor same layer same dispersed same alumina	IBM_TDB USPAT	2003/07/29 13:54
	1	("6369502").PN.	USPAT	2003/07/29 13:55
	380	(313/512).CCLS.	USPAT	2003/07/29 16:26
	1	("5838100").PN.	USPAT	2003/07/29 16:55
	1	("6593596").PN.	USPAT	2003/07/29 17:03
	982	((313/512,483,502,113,116,112,503,110,486).CCLS.) and (LED or (light adj emitting)) (((313/512,483,502,113,116,112,503,110,486).CCLS.) and	USPAT	2004/02/11 08:57
	118	(LED or (light adj emitting))) and (UV or ultraviolet) ((((313/512,483,502,113,116,112,503,110,486).CCLS.) and	USPAT	2004/02/11 10:05
	17	(LED or (light adj emitting))) and (UV or ultraviolet)) and (alumina or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3") ((((313/512,483,502,113,116,112,503,110,486).CCLS.) and	USPAT	2004/02/11 09:00
	47	(LED or (light adj emitting))) and (UV or ultraviolet)) and ((gamma or alpha) same (alumina or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3"))	LICDAT	2004/02/44 40 22
	17	((((313/512,483,502,113,116,112,503,110,486).CCLS.) and (LED or (light adj emitting))) and (UV or ultraviolet)) and ((gamma or alpha) same (alumina or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or (aluminum adj oxide)))	USPAT	2004/02/11 10:02
	3874	(313/512,483,502,113,116,112,503,110,486).CCLS.	USPAT	2004/02/11 09:45
	8	("5813752"   "5813753"   "5923471"   "5933273"   "6066861"   "6069440"   "6294800"   "6340824"   "2002/0084745").PN.	USPAT	2004/02/11 09:08
	7	(("5813752"   "5813753"   "5923471"   "5933273"   "6066861"   "6069440"   "6294800"   "6340824"   "2002/0084745").PN.) and (UV or ultraviolet)	USPAT	2004/02/11 09:21

-	3	komoto.in. and 313/512.ccls.	USPAT	2004/02/11 09:22
-	3	("5825052"   "5962971"   "5998925").PN.	USPAT	2004/02/11 09:22
	238	((313/512,483,502,113,116,112,503,110,486).CCLS.) and ((UV or ultraviolet) with phosphor)	USPAT	2004/02/11 09:46
	36	((313/512,483,502,113,116,112,503,110,486).CCLS.) and (((UV or ultraviolet) with reflect\$) with phosphor)	USPAT	2004/02/11 09:47
	2	((313/512,483,502,113,116,112,503,110,486).CCLS.) and ((((UV or ultraviolet) with reflect\$) with phosphor) same dispers\$)	USPAT	2004/02/11 09:53
	8	("5813752"   "5813753"   "5923471"   "5933273"   "6066861"   "6069440"   "6294800"   "6340824"   "2002/0084745").PN.	USPAT	2004/02/11 09:49
	46	(light adj emitting adj diode) and ((UV or ultraviolet) same phosphor same reflect\$)	USPAT	2004/02/11 10:02
	1	1	USPAT	2004/02/11 10:00
	62		USPAT	2004/02/11 10:03
	36	(LED and ((UV or ultraviolet) same phosphor same reflect\$)) not ((light adj emitting adj diode) and ((UV or ultraviolet) same phosphor same reflect\$))	USPAT	2004/02/11 10:03
	8	LED and ((alumina or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or (aluminum adj oxide)) same ((UV or ultraviolet) with reflect\$))	USPAT	2004/02/11 10:07
	17		USPAT	2004/02/11 10:17
		"Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or (aluminum adjoxide)) same ((UV or ultraviolet) with reflect\$))		255 77527 775.77
	19	(alumina or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or (aluminum adj oxide)) same ((UV or ultraviolet) with reflect\$)	USPAT	2004/02/11 12:54
		same (alpha or gamma)	LIGDAT	0004/00/44 40 44
	1 1	("5838100").PN.	USPAT	2004/02/11 10:14
		(LED or (light adj emitting adj diode)) and ((alumina or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or (aluminum adj oxide)) same ((UV or ultraviolet) with reflect\$) same (alpha or gamma))	USPAT	2004/02/11 10:17
	0	11-145519	JPO	2004/02/11 12:54
	Ō	"110145519"	JPO	2004/02/11 12:54
	2	"11-145519 <sup>"</sup>	USPAT; EPO; JPO; DERWENT; IBM TDB	2004/02/11 12:57
	3	9-237448	USPAT; EPO; JPO; DERWENT;	2004/02/11 13:24
	2	11-145519	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/02/11 13:24
	0	jp-11-145519\$.did	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/02/11 13:24
	0	jp-11-145519\$.did.	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/02/11 13:24
	0	jp-11-145519-\$.did.	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/02/11 13:25
	2	"11145519"	IBM_TDB USPAT; EPO; JPO; DERWENT;	2004/02/11 13:25
			IBM_TDB	